Zinziber sp. (Zinziberaceae), 55632. From the Island of Hainan, China. Rhizomes presented by F. A. McClure, Canton Christian College. "(No. 857.) Rhizomes of 'Hak Sam Keung' (black-hearted ginger); the flowers are rich pink, and a dark purple color in the center of the leaves as well as in the rhizome gives the plant its name. It is found most abundantly in sandy soil in thickets and along streams, and is a very promising ornamental for semitropical regions." (McClure.)

## NOTES ON THE BEHAVIOR OF PREVIOUS INTRODUCTIONS.

Amygdalus persica (Amygdalaceae), 43134. PEACH. "Osprey Improved." From Avondale, Auckland, New Zealand. "In the spring of 1920 I set this tree out, and this year it bore nearly a peck of fruit. The fruits are of good size, greenish with a bright red cheek, freestone, and have soft flesh of delicious flavor." (Sam Burchfield, Huron Valley Iris Gardens, Ann Arbor, Mich., September 27, 1922.)

Brassica pekinensis (Brassicaceae), 45969. PAI TS'AL A selection of a northern Chinese strain made by Dr. Yamei Kin. "When no other variety of Chinese cabbage made a marketable head, this strain developed a splendid head on every plant." (A. F. Yeager, Agricultural Experiment Station, Agricultural College, N. Dak., September 8, 1922.)

Capsicum annuum (Solanaceae), 47010. RED PEPPER Originally from Costa Rica, but sent from Zamboanga, Philippine Islands. "The seeds were sown early and produced strong-branched plants  $3\frac{1}{2}$  feet high, which bore an abundant crop of peppers of very good quality. The date of maturing was later than that of other pepper varieties usually grown here." (William G. Shepard, Guinea Mills, Va., October 20, 1922.)

Clematis tangutica obtusiuscula (Ranunculaceae), 52337. CLEMATIS From central Asia. "Although planted in March, 1922, by August 30 this had grown to a height of 5 feet and during the first week in September bore handsome yellow solitary flowers. This species is likely to prove an extremely popular addition to the list of large-flowered clematis, being the most beautiful, I believe, that I have ever seen." (W. G. Shepard, Guinea Mills, Va., September 6, 1922.)

Cotoneaster zabeli (Malaceae), 49032. From western Hupeh, China. "This was planted on March 15, 1922. It grew splendidly through the summer, and now measures 4 feet in diameter." (W. G. Shepard, Guinea Mills, Va., September 6, 1922.)

Pyrus communis (Malaceae), 32735. PEAR "Herzogin Elsa." From Germany. "I have a small tree of this variety about  $4\frac{1}{2}$  feet high, which was sent to me four years ago. This year it bore its first crop; on August 25 there were 12 large pears about  $3\frac{1}{2}$  inches in length. These were sweet, juicy, and of very good quality. The tree shows some evidence of leaf blight but so far no twig blight, although there are many badly blighted trees in the neighborhood." (Dr. John E. Cannaday, Charleston, W. Va., August 31, 1922.)